

IN THE SPECIFICATION:

Please replace the paragraph beginning at page 2, line 1 with the following rewritten paragraph:

A1 --In view of the above-cited prior art it is the object of the present invention to propose a wireless transmission system designed for a transmission of data in the 60 GHz range taking advantage of the fact that the 60 GHz range is a non-licensed frequency band and of the specific propagation properties (high attenuation, oxygen absorption).--

Please replace the paragraph beginning at page 8, line 25 with the following rewritten paragraph:

A2 -- - Due to the high frequency of the operation the total front end size and antenna size may be very small and very easy to be integrated in various types of terminals: beginning from current PDA types of terminals, through so-called 2G and 3G to the future UT (or TRF) terminal.--

Please replace the paragraph beginning at page 8, line 31 with the following rewritten paragraph:

B3 -- - Due to the high frequency and high attenuation, low transmission power, and specified UT antenna pattern, as well as large oxygen absorption, frequency re-use may be easily adopted, so there is almost unlimited possibility of providing very high wireless data rates in very small environments. Density and capacity of the system is almost unlimited, in contrast to so-called 3G and future 4G systems.--

IN THE CLAIMS:

Please cancel claims 1-21, without prejudice.